PATENT

Attorney Docket No.: SAM-0465

Customer No.: 29344

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):

Kyung-soo Kim, et al.

Filing Date:

Herewith

Title:

METHOD FOR MANUFACTURING MULTI-THICKNESS GATE

DIELECTRIC LAYER OF SEMICONDUCTOR DEVICE

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.10

"Express Mail" Mailing Label Number EV322656525US I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

10-15-03

Date

Vanessa Marakas

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

Enclosed herewith for filing in the above-identified patent application please find the following listed items:

- 1. New Application Transmittal;
- 2. New Patent Application;
- 3. Executed Declaration, Petition and Power of Attorney;
- 4. Four (4) Sheets of Formal Drawings (Figures 1-10);
- 5. Certified Copy of Priority Document Korean Application No. 02-67545;
- 6. Check in the amount of \$770.00 to cover application filing fee;
- 7. Assignment Recordation Form Cover Sheet - PTO-1595;
- 8. Executed Assignment;
- 9. Check in the amount of \$40.00 to cover Assignment Recordation fee; and
- 10. Return Postcard.

In connection with the foregoing matter, please charge any additional fees which may be due, or credit any overpayment, to Deposit Account Number 50-1798. <u>A duplicate copy of this letter is provided for this purpose</u>.

Respectfully submitted,

MILLS & ONELLO LLP

Eleven Beacon Street, Suite 605

Boston, MA 02108

Telephone: (617) 994-4900 Facsimile: (617) 742-7774

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Anthony P. Onello, Jr.

Registration Number 38,572

Attorney for Applicant

PATENT Attorney Docket No.: SAM-0465

Customer No.: 29344

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Attorney for Applicant

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

	NEW APPLICATION	TRANSMITTAL
Transmitted h	nerewith for filing is the patent application of	
Inventor(s):	Kyung-soo Kim Young-wug Kim Chang-bong Oh Hee-sung Kang Hyuk-ju Ryu	,
For (title):	METHOD FOR MANUFACTURING MULTI-THICKNESS GATE DIELECTRIC LAYER OF SEMICONDUCTOR DEVICE	CERTIFICATE OF MAILING 37 C.F.R. § 1.10 "Express Mail" Mailing Label Number EV322656525US I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above
1. Type a(n)	e of Application This new application is for	and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
, \square_{Γ}	Original (nonprovisional) Design □ Plant	Date: 0-15-03 Uduu Ulaval Vanessa Marakas Vanessa Marakas Print Name
	Divisional.	
	Continuation.	
	Continuation-in-part (C-I-P).	
2. Benefit	of Prior Application(s)	
	The new application being transmitted claim no.02-67545. See Item 7.	ms the benefit of prior Korean application
3. Paper	s Enclosed	
15	Pages of specification	
4	Pages of claims	
1	Page of Abstract	
4	✓ formal	
	_ Page of Cover Sheet	
	nclosed drawing(s) are photograph(s), and there COGRAPH(S) AS DRAWING(S)." 37 C.F.R. 1	

·		Preliminary Amendment Information Disclosure Statement (37 C.F.R. 1.98) Form PTO-1449 (PTO/SB/08A and 08B) Copies of cited references Declaration of Biological Deposit Submission of "Sequence Listing," computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleoticle and/or amino acid sequence. Authorization of Attorney(s) to Accept and Follow Instructions from Representative Special Comments
		Other: Return Postcard.
5.	Dec	laration or oath
		Unexecuted Executed by inventors legal representative of inventor(s). 37 CFR 1.42 or 1.43. joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached. This is the petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 is also attached. See item 12 below for fee.
		Application is made by a person authorized under 37 C.F.R. 1.41 (c) on behalf of all the above named inventor(s). Showing that the filing is authorized.
6.	Assign	nment
	×	An assignment of the invention to <u>Samsung Electronics Co., Ltd.</u> is attached. A separate □ "COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING NEW PATENT APPLICATION" or ▼FORM PTO 1595 is also attached. □ will follow.

Additional papers enclosed

7. Certified Copy

Certified copy(ies) of application(s)

Korea	02-67545	November 1, 2002
Country	Appln. no.	Filed
Country	Appln. no.	Filed
Country	Appln. no.	Filed

from which priority is claimed

is (are) attached.

□ will follow.

8. Fee Calculation (37 C.F.R. 1.16)

		C	LAIMS AS FILED		
	Number fil	ed	Number Extra	Rate	Basic Fee 37 C.F.R. 1.16(a) \$770.00
Total Claims (37 CFR 1.16(c))	19	- 20 =	0	\$ 18.00	
Independent Claims (37 CFR 1.16(b))	2	- 3 =	0	\$ 86.00	
Multiple dependent claims if any (37 CFR 1.16(d))	(s),		+	\$290.00	

A Preliminary Amendment canceling claims is enclosed	The filing fee is calculated based on
the number of claims remaining after entry of the Prelimi	nary Amendment.

 \square Amendment deleting multiple-dependencies is enclosed.

☐ Fee for extra claims is not being paid at this time.

Filing Fee Calculation

\$770.00

		□ Not Enclosed			
		No filing fee is to be paid (This and the surchar subsequently.)	d at this time. rge required by 3 7 C. F.R. 1.16(e) can be p	aid	
	☐ Basic filing fe	e	\$ <u>770.00</u>		
			NT \$ <u>40.00</u>		
		Total fees enclosed	\$ <u>810.00</u>		
10.	Method of Payment of Fe	ees			
	☐ Checks in the a	mounts of \$ 770.00 and \$40.00	<u> </u>		
		No. 50-1798 in the amount of transmittal is attached.	\$		
11.	Authorization to Charge	Additional Fees			
	☐ The Commissioner is hereby authorized to charge the following additional fees during the entire pendency of this application to Account No. 50-1798.				
	⊠ 37 C.F.R. 1.16(a),	(f) or (g) (filing fees)			
	☑ 37 C.F.R. 1.16(b), (c) and (d) (presentation of extra claims)				
	37 C.F.R. 1. 1 6(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)				
	☐ 37 C.F.R. 1.17 (a	pplication processing fees)			
	☐ 37 C.F.R. 1.18 (is	sue fee at or before mailing of N	totice of Allowance, pursuant to 37 C.F.R. 1.	311(b))	

9.

Fee Payment Being Made at This Time

12. Instructions as to Overpayment☑ Credit Account No. 50-1798☐ Refund

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